## ABSTRACT OF THE DISCLOSURE

Disclosed is an electric inter-dental brush device which is generally divided into a cleaning brush attached at a head assembly of the electric inter-dental brush device, a finger grip of a small size for holding a small-sized motor for driving the cleaning brush and a housing for holding a battery or AC adaptor for the small-sized motor and other components and parts of the electric inter-dental brush device. The finger grip and the housing are physically separated except through an electric cord connecting the small-sized motor and the battery or AC adaptor.